

DOCKET NO: 293065US0PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
ANNA QUATTROPANI, ET AL. EXAMINER: STOCKTON
SERIAL NO: 10/585,635 :
FILED: JULY 11, 2006 :ART UNIT 1626
FOR: THIAZOLE DERIVATIVES AND :
USE THEREOF

DECLARATION UNDER 37 C.F.R. § 1.132

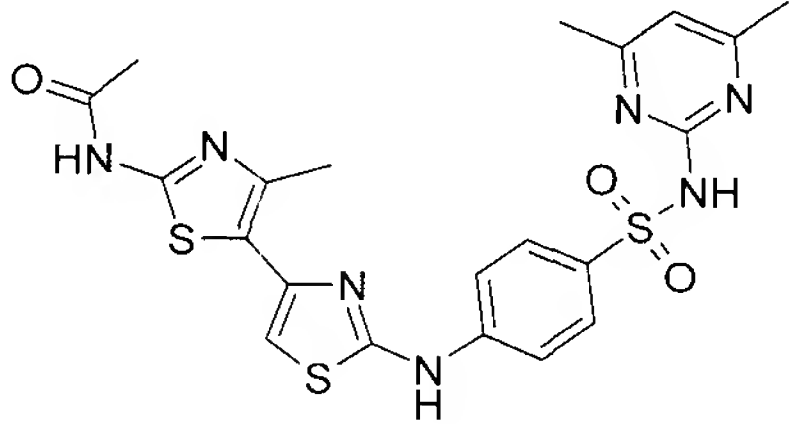
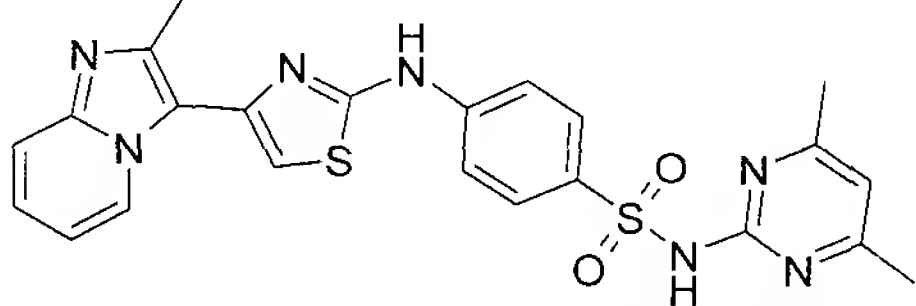
COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

Sir:

I, Anna Quattropani, state that:

1. I am a graduate of University of Geneva, Switzerland and received my Ph D degree in the year 1996.
2. I have been employed by Merck Serono for 12 years as a Senior/Principal Scientist in the field of Medicinal Chemistry.
3. The data presented in the following are obtained from experiments performed according to objective scientific standards.
4. Based on my education and experience, it is common knowledge in the field of medicinal chemistry, that even minor differences in the structure of a compound can have dramatic effects on it's pharmaceutical activity.
5. Compounds according to the following example of the prior art, exhibit a significantly lower activity, when compared to compounds of the present invention (also

shown below). Therefore, such compounds of the prior art are not suitable for drug development.

	Compounds	IC50 Pi3KGamma (μ M)
Compound according to the invention		0.146
Compound according to Prior Art		> 20

6. I declare further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Customer Number

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